11/21/08   Dialog Search 10733836

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009998...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
****
ENTER PASSWORD:
****
Welcome to DIALOG

Dialog level 05.22.00D

Last logoff: 16nov08 13:59:00
Logon file405 21nov08 15:28:05
        *** ANNOUNCEMENTS ***
            ***
*** Join us for Update 2008! Dialog is holding updates this fall
in several areas and would love for you to join us. Visit
www.dialog.com/events/update to register or enter HELP UPDATES
for more information.

*** "Thomson File Histories" are now available directly through Dialog
in selected patent and trademark files. Combined with the
comprehensive patent and trademark information on Dialog, file
histories give you the most complete view of a patent or trademark
and its history in one place. When searching in one of the patent
and trademark databases, a link to an online order form is displayed
in your search results, saving you time in obtaining the file
histories you need. See HELP FILEHIST for more information about
how to use the link and a list of files that contain the link.

NEW FILE
***File 651, TRADEMARKSCAN(R) - China. See HELP NEWS 651 for details.
RESUMED UPDATING
***File 523, D&B European Financial Records
            ***
RELOADS COMPLETED
***File 227, TRADEMARKSCAN(R) - Community Trademarks
            ***

FILES RENAMED
***File 321, PLASPEC now known as Plastic Properties Database
        ***
FILES REMOVED
***File 601,Early Edition Canada
        ***
>>>For the latest news about Dialog products, services, content<<<
>>>and events, please visit What's New from Dialog at   <<<
>>>http://www.dialog.com/whatsnew/. You can find news about <<<
>>>a specific database by entering HELP NEWS <file number>.   <<<
YTEXT is set ON as an alias for 15,16,148,160,275,621
KTEXT is set ON as an alias for 9,20,476,610,613,624,634,636,810,813
MTEXT is set ON as an alias for 2,35,65,77,99,233,256,278,474,475,583
STEXT is set ON as an alias for 623,473,47,635,570,PAPERSMJ,PAPERSEU
HTEXT is set ON as an alias for 625,268,626,267,139
FTEXT1 is set ON as an alias for 15,9,275,621,636,16,160,148
FTEXT2 is set ON as an alias for 610,810,476,624,634,20,47
BIB1 is set ON as an alias for 35,139,583,65,2,144,233,474,475,99
SUB26 is set ON as an alias for PAPERSEU, PAPERSMJ,570,635
SUB35 is set ON as an alias for 625,268,626,267,608
* * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
        *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

  (c) 2003 Dialog, a Thomson business.   All rights reserved.

  /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 410

21nov08 15:28:06 User264721 Session D57.1
   $0.00   0.271 DialUnits FileHomeBase
$0.00 Estimated cost FileHomeBase
$0.00 Estimated cost this search
$0.00 Estimated total session cost 0.271 DialUnits

File 410:Dialog Comm.-of-Interest Newsletters 2008 /Mar
   (c) 2008 Dialog

   Set Items Description
   --- ----- -----------
? set hi %%%;set hi %%%
HILIGHT set on as "
HILIGHT set on as "
? b YTEXT, KTEXT, MTEXT, STEXT, HTEXT, ftext1, ftext2, bib1, sub26, sub35
>>>   476 does not exist
>>>   77 does not exist
>>>   233 does not exist
>>>   473 does not exist
>>>4 of the specified files are not available
   21nov08 15:28:26 User264721 Session D57.2
       $0.00   0.115 DialUnits File410
$0.00 Estimated cost File410
$0.08 TELNET
$0.08 Estimated cost this search
$0.08 Estimated total session cost 0.386 DialUnits

SYSTEM:OS - DIALOG OneSearch
 File 15:ABI/Inform(R) 1971-2008/Nov 21
     (c) 2008 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2008/Nov 11
     (c) 2008 Gale/Cengage
*File 16: Because of updating irregularities, the banner and the
update (UD=) may vary.
 File 148:Gale Group Trade & Industry DB 1976-2008/Nov 12
     (c) 2008 Gale/Cengage
*File 148: The CURRENT feature is not working in File 148.
See HELP NEWS148.
 File 160:Gale Group PROMT(R) 1972-1989
     (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2008/Nov 10
     (c) 2008 Gale/Cengage
 File 621:Gale Group New Prod.Annou.(R) 1985-2008/Oct 29
     (c) 2008 Gale/Cengage
 File 9:Business & Industry(R) Jul/1994-2008/Nov 19

(c) 2008 Gale/Cengage
*File   9: UD names were adjusted to reflect load date.
All data is present.
  File 20:Dialog Global Reporter 1997-2008/Nov 21
        (c) 2008 Dialog
  File 610:Business Wire 1999-2008/Nov 21
        (c) 2008 Business Wire.
*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.
  File 613:PR Newswire 1999-2008/Nov 21
        (c) 2008 PR Newswire Association Inc
*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.
  File 624:McGraw-Hill Publications 1985-2008/Nov 21
        (c) 2008 McGraw-Hill Co. Inc
  File 634:San Jose Mercury Jun 1985-2008/Nov 20
        (c) 2008 San Jose Mercury News
  File 636:Gale Group Newsletter DB(TM) 1987-2008/Nov 11
        (c) 2008 Gale/Cengage
  File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
  File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
  File   2:INSPEC 1898-2008/Oct W4
        (c) 2008 Institution of Electrical Engineers
  File 35:Dissertation Abs Online 1861-2008/Feb
        (c) 2008 ProQuest Info&Learning
  File 65:Inside Conferences 1993-2008/Nov 20
        (c) 2008 BLDSC all rts. reserv.
  File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Oct
        (c) 2008 The HW Wilson Co.
  File 256:TecInfoSource 82-2008/Apr
        (c) 2008 Info.Sources Inc
  File 278:Ei Compendex(R) 1970-2008/Nov W1
        (c) 2008 Elsevier Eng. Info. Inc.
*File 278: The file has been reloaded. See HELP NEWS 8 for
details.
  File 474:New York Times Abs 1969-2008/Nov 20
        (c) 2008 The New York Times
  File 475:Wall Street Journal Abs 1973-2008/Nov 21
        (c) 2008 The New York Times
  File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
*File 583: This file is no longer updating as of 12-13-2002.
  File 623:Business Week 1985-2008/Nov 20
        (c) 2008 The McGraw-Hill Companies Inc

File 47:Gale Group Magazine DB(TM) 1959-2008/Nov 06
    (c) 2008 Gale/Cengage
File 635:Business Dateline(R) 1985-2008/Nov 21
    (c) 2008 ProQuest Info&Learning
File 570:Gale Group MARS(R) 1984-2008/Nov 12
    (c) 2008 Gale/Cengage
File 387:The Denver Post 1994-2008/Nov 20
    (c) 2008 Denver Post
File 471:New York Times Fulltext 1980-2008/Nov 21
    (c) 2008 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
    (c) 2002 Phoenix Newspapers
*File 492: File 492 is closed (no longer updating). Use
Newsroom, Files 989 and 990, for current records.
File 494:St LouisPost-Dispatch 1988-2008/Nov 19
    (c) 2008 St Louis Post-Dispatch
File 631:Boston Globe 1980-2008/Nov 20
    (c) 2008 Boston Globe
File 633:Phil.Inquirer 1983-2008/Nov 20
    (c) 2008 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2008/Nov 20
    (c) 2008 Newsday Inc.
File 640:San Francisco Chronicle 1988-2008/Nov 19
    (c) 2008 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2008/Nov 21
    (c) 2008 Scripps Howard News
File 702:Miami Herald 1983-2008/Nov 20
    (c) 2008 The Miami Herald Publishing Co.
File 703:USA Today 1989-2008/Nov 19
    (c) 2008 USA Today
File 704:(Portland)The Oregonian 1989-2008/Nov 20
    (c) 2008 The Oregonian
File 713:Atlanta J/Const. 1989-2008/Nov 09
    (c) 2008 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2008/Nov 20
    (c) 2008 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2008/Nov 21
    (c) 2008 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2008/Nov 20
    (c) 2008 The Plain Dealer
File 735:St. Petersburg Times 1989- 2008/Nov 14
    (c) 2008 St. Petersburg Times
File 477:Irish Times 1999-2008/Nov 21
    (c) 2008 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2008/Nov 21
    (c) 2008 Times Newspapers

File 711:Independent(London) Sep 1988-2006/Dec 12
        (c) 2006 Newspaper Publ. PLC
*File 711: This file does not update. See File 757 for full
daily coverage from many European sources.
  File 756:Daily/Sunday Telegraph 2000-2008/Nov 21
        (c) 2008 Telegraph Group
  File 757:Mirror Publications/Independent Newspapers 2000-2008/Nov 20
        (c) 2008
  File 625:American Banker Publications 1981-2008/Jun 26
        (c) 2008 American Banker
*File 625: This file no longer updates.
Use Newsroom Files 989 and 990 for current records.
  File 268:Banking Info Source 1981-2008/Nov W3
        (c) 2008 ProQuest Info&Learning
  File 626:Bond Buyer Full Text 1981-2008/Jul 07
        (c) 2008 Bond Buyer
*File 626: This file no longer updates.
Use Newsroom Files 989 and 990 for current records.
  File 267:Finance & Banking Newsletters 2008/Sep 29
        (c) 2008 Dialog
  File 139:EconLit 1969-2008/Nov
        (c) 2008 American Economic Association
  File 144:Pascal 1973-2008/Nov W2
        (c) 2008 INIST/CNRS
  File 608:MCT Information Svc. 1992-2008/Nov 21
        (c) 2008 MCT Information Svc.

    Set Items Description
    --- ----- -----------
? S (electronic (1n) receipt) and ((electronic (1n) commerce) or Internet or web)
Processing
Processing
Processed 10 of 57 files ...
Processing
Processed 30 of 57 files ...
Processing
Completed processing all files
      9267331 ELECTRONIC
       797400 RECEIPT
         3872 ELECTRONIC(1N)RECEIPT
      9267331 ELECTRONIC
      6078299 COMMERCE
       730892 ELECTRONIC(1N)COMMERCE
     12388909 INTERNET
     17987758 WEB

S1   2773 (ELECTRONIC (1N) RECEIPT) AND ((ELECTRONIC (1N) COMMERCE)
            OR INTERNET OR WEB)
?
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES
? S (gather??? or collect??? or accumulat??? or retriev???) (15n) ((information or data or content) (10n) (product or merchandise or merchandize or item or article or service)) (s) ((merchant or seller or vendor or supplier) and bank and manufacturer)
Processing
Processing
Processing
Processing
Processing
Processing
Processing
Processing
Processing
Processed 10 of 57 files ...
Processing
Processing
Processed 20 of 57 files ...
Processing
Processed 30 of 57 files ...
Processing
Processed 40 of 57 files ...
Processing
Processed 50 of 57 files ...
Processing
Completed processing all files
        3606970 GATHER???
        9023722 COLLECT???
        1769602 ACCUMULAT???
        2489091 RETRIEV???
       46883633 INFORMATION
       24029673 DATA
        6862912 CONTENT
       23602204 PRODUCT
        1346646 MERCHANDISE
           2538 MERCHANDIZE
        1681082 ITEM
       11276851 ARTICLE
       29933523 SERVICE
         911426 MERCHANT
         946944 SELLER
        1758962 VENDOR
        3163358 SUPPLIER

```
     15218759  BANK
      4689123  MANUFACTURER
   S2    137  (GATHER??? OR COLLECT??? OR ACCUMULAT??? OR
RETRIEV???)
            (15N) ((INFORMATION OR DATA OR CONTENT) (10N) (PRODUCT OR
            MERCHANDISE OR MERCHANDIZE OR ITEM OR ARTICLE OR
            SERVICE)) (S) ((MERCHANT OR SELLER OR VENDOR OR SUPPLIER)
            AND BANK AND MANUFACTURER)
? S (receipt or receive or receiving or received or accept??? or sending or sent or sends or
transmit or transmitting or transmits) (25n)  ((e or electronic) (2n) receipt) (15n)
transaction
Processing
Processing
Processed  10 of  57 files ...
Processing
Processed  30 of  57 files ...
Processing
Processed  50 of  57 files ...
Completed processing all files
       797400  RECEIPT
      8483123  RECEIVE
      2772035  RECEIVING
     12324290  RECEIVED
      7163112  ACCEPT???
      1773564  SENDING
      6806801  SENT
       738841  SENDS
       454235  TRANSMIT
       228159  TRANSMITTING
       112540  TRANSMITS
     19571846  E
      9267331  ELECTRONIC
       797400  RECEIPT
      4242242  TRANSACTION
   S3    646  (RECEIPT OR RECEIVE OR RECEIVING OR RECEIVED OR
ACCEPT???
            OR SENDING OR SENT OR SENDS OR TRANSMIT OR
TRANSMITTING
            OR TRANSMITS) (25N)  ((E OR ELECTRONIC) (2N) RECEIPT)
            (15N) TRANSACTION
? S SAND S2
   S4     0  SAND S2
? S S1 AND S2
         2773  S1
          137  S2
   S5     0  S1 AND S2
```

? S S1 AND S3

      2773 S1

      646 S3

  S6   280 S1 AND S3

? S S2 AND S3

      137 S2

      646 S3

  S7   0 S2 AND S3

? S S2 AND (ELECTRONIC NEAR1 RCEIPT)

      137 S2

       0 ELECTRONIC NEAR1 RCEIPT

  S8   0 S2 AND (ELECTRONIC NEAR1 RCEIPT)

? S S6 AND ibm

      280 S6

  2289734 IBM

  S9   15 S6 AND IBM

? RD S9

>>>Duplicate detection is not supported for File 625.

>>>Duplicate detection is not supported for File 626.

>>>Records from unsupported files will be retained in the RD set.

  S10   12 RD S9 (unique items)

? S S10 AND PD<2004

>>>File 15 processing for PD= : PD=2004

>>>   started at PD=710000 stopped at PD=881000

>>>File 16 processing for PD= : PD=2004

>>>   started at PD=19900101 stopped at PD=19950623

>>>File 148 processing for PD= : PD=2004

>>>   started at PD=140105 stopped at PD=790808

Processing

>>>File 160 processing for PD= : PD=2004

>>>   started at PD=2103 stopped at PD=770314

>>>File 275 processing for PD= : PD=2004

>>>   started at PD=140103 stopped at PD=840626

>>>File 621 processing for PD= : PD=2004

>>>   started at PD=00000000 stopped at PD=19910208

>>>File 9 processing for PD= : PD=2004

>>>   started at PD=871119 stopped at PD=950325

>>>File 20 processing for PD= : PD=2004

>>>   started at PD=101004 stopped at PD=970827

Processing

Processing

Processing

Processed 10 of 57 files ...

>>>File 624 processing for PD= : PD=2004
>>> started at PD=104 stopped at PD=8811
>>>File 634 processing for PD= : PD=2004
>>> started at PD=12/7/04 stopped at PD=861209
>>>File 636 processing for PD= : PD=2004
>>> started at PD=19880101 stopped at PD=19940325
>>>File 810 processing for PD= : PD=2004
>>> started at PD=850116 stopped at PD=911123
>>>File 813 processing for PD= : PD=2004
>>> started at PD=100000 stopped at PD=900715
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
>>>File 99 processing for PD= : PD=2004
>>> started at PD=DEC.1200 stopped at PD=19910204
>>>File 278 processing for PD= : PD=2004
>>> started at PD=19041201 stopped at PD=20030227
Processing
Processed 20 of 57 files ...
>>>File 474 processing for PD= : PD=2004
>>> started at PD=101111 stopped at PD=700609
>>>File 475 processing for PD= : PD=2004
>>> started at PD=191111 stopped at PD=770216
>>>File 583 processing for PD= : PD=2004
>>> started at PD=100001 stopped at PD=860522
>>>File 47 processing for PD= : PD=2004
>>> started at PD=590100 stopped at PD=600914
>>>File 635 processing for PD= : PD=2004
>>> started at PD=1190 stopped at PD=871019
>>>File 570 processing for PD= : PD=2004
>>> started at PD=19840102 stopped at PD=19910623
>>>File 387 processing for PD= : PD=2004
>>> started at PD=931204 stopped at PD=950624
>>>File 471 processing for PD= : PD=2004
>>> started at PD=100904 stopped at PD=810609
>>>File 492 processing for PD= : PD=2004
>>> started at PD=11/10/99 stopped at PD=890912
>>>File 494 processing for PD= : PD=2004
>>> started at PD=2/7/2001 stopped at PD=890610
>>>File 631 processing for PD= : PD=2004
>>> started at PD=11/14/99 stopped at PD=810519
>>>File 633 processing for PD= : PD=2004
>>> started at PD=830101 stopped at PD=840630
Processing
>>>File 638 processing for PD= : PD=2004
>>> started at PD=25, stopped at PD=880623
Processed 30 of 57 files ...

>>>File 640 processing for PD= : PD=2004
>>>   started at PD=850209 stopped at PD=890621
>>>File 641 processing for PD= : PD=2004
>>>   started at PD=890523 stopped at PD=901115
>>>File 702 processing for PD= : PD=2004
>>>   started at PD=801018 stopped at PD=840608
>>>File 703 processing for PD= : PD=2004
>>>   started at PD=880531 stopped at PD=920520
>>>File 704 processing for PD= : PD=2004
>>>   started at PD=890101 stopped at PD=900623
>>>File 713 processing for PD= : PD=2004
>>>   started at PD=880117 stopped at PD=900601
>>>File 714 processing for PD= : PD=2004
>>>   started at PD=900903 stopped at PD=920306
>>>File 715 processing for PD= : PD=2004
>>>   started at PD=890103 stopped at PD=930527
>>>File 735 processing for PD= : PD=2004
>>>   started at PD=25UARY stopped at PD=931031
>>>File 710 processing for PD= : PD=2004
>>>   started at PD=880601 stopped at PD=891213
>>>File 711 processing for PD= : PD=2004
>>>   started at PD=880919 stopped at PD=901208
Processing
Processed 50 of 57 files ...
>>>File 625 processing for PD= : PD=2004
>>>   started at PD=8111 stopped at PD=850515
>>>File 268 processing for PD= : PD=2004
>>>   started at PD=16T 16 stopped at PD=830816
>>>File 626 processing for PD= : PD=2004
>>>   started at PD=8111 stopped at PD=850709
>>>File 144 processing for PD= : PD=2004
>>>   started at PD=18019 stopped at PD=19831028
>>>File 608 processing for PD= : PD=2004
>>>   started at PD=108 stopped at PD=930327
Completed processing all files
        12 S10
     56748456 PD<2004
    S11   2 S10 AND PD<2004
? T S11/7,K/1-1

 11/7,K/1   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2008 Gale/Cengage. All rts. reserv.

14757663   SUPPLIER NUMBER: 88739538   (THIS IS THE FULL TEXT)
Hypercom Introduces Payment Industry's First Suite of Internet Hosted

POS Terminal Applications.

TEXT:
Business Editors & High-Tech Writers
epicDirect Lowers Implementation Costs, Speeds Time to Market for
Independent Sales Organizations, Processors and VARs
Hypercom Corp. (NYSE:HYC) today introduced epicDirect, the payment
industry's first comprehensive suite of Internet hosted applications
for point-of-sale terminals.

Accessed from a PC and a standard browser, epicDirect(TM) gives
processors, Independent Sales Organizations (ISOs) and Value-Added
Resellers (VARs) everything needed to manage a base of card payment
terminals and merchants, including the most complete and up-to-date set of
applications in the industry. epicDirect is available immediately.

Fortifying its pioneering use of the Application Service Provider
(ASP) model popularized by IBM, Sun, Oracle and other computer
industry leaders, Hypercom's new epicDirect solution provides hosting
services for all back-office systems.

The ASP business model gets customers to market immediately and
replaces upfront development costs and ongoing support expenses with a low
monthly service fee. Typically, fees range from $4 to $30 a month per
terminal depending on the mix of services selected.

"epicDirect is the capstone of our epic(TM) Internet strategy.
Now our customers can load a Hypercom ICE(TM) terminal, manage their
merchant accounts, enable epicServices(TM) and bill directly from this
Web-based application with no investment in back-office systems and
support," said O.B. Rawls IV, president of Hypercom North America.

"Until now, new applications meant new support system development
for our ISO and processor customers. With epicDirect, you get it all at
once, ready to sell and use, and with anytime, anywhere Internet
access. Our customers can take more control of their accounts, broaden
their offering and improve the quality of their service without making a
large upfront investment.

"We already have customers using epicDirect, and the response has
been overwhelmingly enthusiastic."

Access to epicDirect is secured by RSA(R) SecurID(TM) public key
token technology, ensuring the highest levels of security for epicDirect
customers and their merchants.

A common entry point called the Control Panel provides a single
log-on, single access to all epicServices applications including a new
application, iTermMaster, that is an Internet version of Hypercom's
popular TermMaster(R) terminal management suite. iTermMaster provides
everything required to quickly and easily set up, operate and manage any
Hypercom(R) terminal.

Other epicDirect applications are:

-- myICE -- a new application for use by merchants to view and manage their
 own information and applications; merchants can add, change or delete rece
ipt
or display images and display them on their ICE terminal; retrieve stored r
eceipts; review financial reporting, check e-mail, and track packages; sinc
e studies show 70% of small merchants do not have a PC in their store, merc
hants can access myICE features directly from the ICE terminal as well as f
rom a PC.

    -- Financial reporting -- online review of transaction
 and deposit information enables merchants to manage cash flows more closel
y.

    -- Electronic receipt capture -- a secure back-end
receipt
 storage and online retrieval platform that eliminates the need for merchan
ts to warehouse and manually retrieve paper receipts; an integrated Chargeb
ack Defense
Mechanism helps reduce bank chargebacks; saves time and money when resolvin
g customer-disputed transactions.

-- E-mail -- provides e-mail services at the point-of-sale (POS)/point-of-t
ransaction terminal, improving communications with merchants as well as giv
ing them a useful tool for managing their business.

-- ICE-PAC(R) -- a tool for customizing and managing images for on-screen/r
eceipt advertising and receipt printing on the ICE terminals; includes exte
nsive image collections.

-- Package tracking -- setup and track FedEx(R) or UPS(R) shipments through
 myICE; ideal for merchants that also provide phone order, mail order or
Web order.
    ISOs or processors can implement a Customer Retention Management
(CRM) program by using epicDirect as an all-in-one management and help desk
system. The application allows support teams to implement service changes,
track history and log all changes made to the merchant information by user
ID, providing an audit trail and accountability.
    With the anytime, anywhere access convenience of Internet
delivered services, on-call associates can respond to problems from a PC at
home with the same resources they would have at the office.
    VARs can use epicDirect to provide support to their base of users

and to distribute, test and update their applications.

During the last three years, Hypercom has pioneered the use of the Internet for POS applications, starting with the introduction of the ICE family of card payment terminals. Named for the interactive consumer environment created by its graphics user interface, ICE terminals are ready to connect to and use the Internet.

Complementing these terminals is Hypercom's epicServices, a family of turnkey Internet-based solutions that maximize the capabilities of every merchant countertop. In addition to epicDirect and application hosting, other turnkey services are training, marketing materials, help desk support, telemarketing, billing services and telecommunications.

Anyone interested in more information about epicDirect can call epicServices Customer Service at 877/448-3742 or send e-mail epichelp@hypercom.com.

About Hypercom (www.hypercom.com)

Hypercom Corp. is a leading global provider of electronic payment solutions that add value at the point-of-sale for consumers, merchants and acquirers, and yield increased profitability for its customers.

Hypercom's products include secure, high performance, Web -enabled card payment terminals that work seamlessly with its networking equipment and software applications for e-commerce, m-commerce, smart cards and traditional payment applications.

The company's widely-accepted ePOS-infocommerce(R) (epic) framework of consumer-activated, EMV-certified, touch-screen ICE (Interactive Consumer Environment) terminals enable acquirers and merchants to decrease costs, increase revenues and improve customer retention.

Headquartered in Phoenix, Hypercom maintains an installed base of more than 5 million terminals in over 100 countries, which conduct more than 10 billion transactions annually.

Hypercom, ePOS-infocommerce, TermMaster and ICE-PAC are registered trademarks of Hypercom Corp. epic, epicDirect, epicServices and ICE are trademarks of Hypercom Corp. FedEx is a registered trademark of FedEx Corp. UPS is a registered trademark of United Parcel Service of America Inc.

All other products or services mentioned in this document are trademarks, service marks, registered trademarks or registered service marks of their respective owners.

Certain matters discussed within this press release are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Although Hypercom management believes the expectations reflected in such forward-looking statements are based on reasonable assumptions, it can give no assurance that its expectations will be attained.

Factors that could cause actual results to differ materially from expectations include industry, competitive and technological changes; risks associated with international operations and foreign currency fluctuations; the composition, timing and size of orders from and shipments to major

customers; inventory obsolescence; market acceptance of new products and other risks detailed from time to time in Hypercom's SEC reports, including the company's most recent 10K and subsequent 10Qs.

Hypercom Introduces Payment Industry's First Suite of Internet Hosted POS Terminal Applications.

...   Hypercom Corp. (NYSE:HYC) today introduced epicDirect, the payment industry's first comprehensive suite of Internet hosted applications for point-of-sale terminals.

Accessed from a PC and a standard browser popularized by IBM, Sun, Oracle and other computer industry leaders, Hypercom's new epicDirect solution provides hosting services...

...depending on the mix of services selected.

"epicDirect is the capstone of our epic(TM) Internet strategy. Now our customers can load a Hypercom ICE(TM) terminal, manage their merchant accounts, enable epicServices(TM) and bill directly from this Web-based application ...you get it all at once, ready to sell and use, and with anytime, anywhere Internet access. Our customers can take more control of their accounts, broaden their offering and improve...

on, single access to all epicServices applications including a new application, iTermMaster, that is an Internet version of Hypercom's popular TermMaster(R) terminal management suite. iTermMaster provides everything required to...from the ICE terminal as well as from a PC.

-- Financial reporting -- online review of transaction and deposit information enables merchants to manage cash flows more closely.

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R) shipments through myICE; ideal for merchants that also provide phone order, mail order or Web order.

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During the last three years, Hypercom has pioneered the use of the Internet for POS applications, starting with the introduction of the ICE family of card payment terminals...

...by its graphics user interface, ICE terminals are ready to connect to and use the Internet.

Complementing these terminals is Hypercom's epicServices, a family

of turnkey Internet-based solutions that maximize the capabilities of
every merchant countertop. In addition to epicDirect and...acquirers, and
yield increased profitability for its customers.

Hypercom's products include secure, high performance, Web
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equipment and software applications for...

20020711
? T S11/7,K/1-2

11/7,K/1   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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14757663   SUPPLIER NUMBER: 88739538   (THIS IS THE FULL TEXT)
Hypercom Introduces Payment Industry's First Suite of Internet Hosted
 POS Terminal Applications.
Business Wire, 0051
July 11, 2002

TEXT:
    Business Editors & High-Tech Writers
    epicDirect Lowers Implementation Costs, Speeds Time to Market for
    Independent Sales Organizations, Processors and VARs
    Hypercom Corp. (NYSE:HYC) today introduced epicDirect, the payment
industry's first comprehensive suite of Internet hosted applications
for point-of-sale terminals.
    Accessed from a PC and a standard browser, epicDirect(TM) gives
processors, Independent Sales Organizations (ISOs) and Value-Added
Resellers (VARs) everything needed to manage a base of card payment
terminals and merchants, including the most complete and up-to-date set of
applications in the industry. epicDirect is available immediately.
    Fortifying its pioneering use of the Application Service Provider
(ASP) model popularized by IBM, Sun, Oracle and other computer
industry leaders, Hypercom's new epicDirect solution provides hosting
services for all back-office systems.
    The ASP business model gets customers to market immediately and
replaces upfront development costs and ongoing support expenses with a low
monthly service fee. Typically, fees range from $4 to $30 a month per
terminal depending on the mix of services selected.
    "epicDirect is the capstone of our epic(TM) Internet strategy.
Now our customers can load a Hypercom ICE(TM) terminal, manage their
merchant accounts, enable epicServices(TM) and bill directly from this
Web-based application with no investment in back-office systems and
support," said O.B. Rawls IV, president of Hypercom North America.
    "Until now, new applications meant new support system development

for our ISO and processor customers. With epicDirect, you get it all at once, ready to sell and use, and with anytime, anywhere Internet access. Our customers can take more control of their accounts, broaden their offering and improve the quality of their service without making a large upfront investment.

"We already have customers using epicDirect, and the response has been overwhelmingly enthusiastic."

Access to epicDirect is secured by RSA(R) SecurID(TM) public key token technology, ensuring the highest levels of security for epicDirect customers and their merchants.

A common entry point called the Control Panel provides a single log-on, single access to all epicServices applications including a new application, iTermMaster, that is an Internet version of Hypercom's popular TermMaster(R) terminal management suite. iTermMaster provides everything required to quickly and easily set up, operate and manage any Hypercom(R) terminal.

Other epicDirect applications are:

-- myICE -- a new application for use by merchants to view and manage their own information and applications; merchants can add, change or delete rece ipt
or display images and display them on their ICE terminal; retrieve stored r eceipts; review financial reporting, check e-mail, and track packages; sinc e studies show 70% of small merchants do not have a PC in their store, merc hants can access myICE features directly from the ICE terminal as well as f rom a PC.

-- Financial reporting -- online review of transaction and deposit information enables merchants to manage cash flows more closel y.

-- Electronic receipt capture -- a secure back-end receipt
storage and online retrieval platform that eliminates the need for merchan ts to warehouse and manually retrieve paper receipts; an integrated Chargeb ack Defense
Mechanism helps reduce bank chargebacks; saves time and money when resolvin g customer-disputed transactions.

-- E-mail -- provides e-mail services at the point-of-sale (POS)/point-of-t ransaction terminal, improving communications with merchants as well as giv ing them a useful tool for managing their business.

-- ICE-PAC(R) -- a tool for customizing and managing images for on-screen/r

eceipt advertising and receipt printing on the ICE terminals; includes exte
nsive image collections.

-- Package tracking -- setup and track FedEx(R) or UPS(R) shipments through
 myICE; ideal for merchants that also provide phone order, mail order or
Web order.

ISOs or processors can implement a Customer Retention Management
(CRM) program by using epicDirect as an all-in-one management and help desk
system. The application allows support teams to implement service changes,
track history and log all changes made to the merchant information by user
ID, providing an audit trail and accountability.

With the anytime, anywhere access convenience of Internet
delivered services, on-call associates can respond to problems from a PC at
home with the same resources they would have at the office.

VARs can use epicDirect to provide support to their base of users
and to distribute, test and update their applications.

During the last three years, Hypercom has pioneered the use of the
Internet for POS applications, starting with the introduction of the
ICE family of card payment terminals. Named for the interactive consumer
environment created by its graphics user interface, ICE terminals are ready
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Complementing these terminals is Hypercom's epicServices, a family
of turnkey Internet-based solutions that maximize the capabilities of
every merchant countertop. In addition to epicDirect and application
hosting, other turnkey services are training, marketing materials, help
desk support, telemarketing, billing services and telecommunications.

Anyone interested in more information about epicDirect can call
epicServices Customer Service at 877/448-3742 or send e-mail
epichelp@hypercom.com.

About Hypercom (www.hypercom.com)

Hypercom Corp. is a leading global provider of electronic payment
solutions that add value at the point-of-sale for consumers, merchants and
acquirers, and yield increased profitability for its customers.

Hypercom's products include secure, high performance, Web
-enabled card payment terminals that work seamlessly with its networking
equipment and software applications for e-commerce, m-commerce, smart cards
and traditional payment applications.

The company's widely-accepted ePOS-infocommerce(R) (epic) framework
of consumer-activated, EMV-certified, touch-screen ICE (Interactive
Consumer Environment) terminals enable acquirers and merchants to decrease
costs, increase revenues and improve customer retention.

Headquartered in Phoenix, Hypercom maintains an installed base of
more than 5 million terminals in over 100 countries, which conduct more
than 10 billion transactions annually.

Hypercom, ePOS-infocommerce, TermMaster and ICE-PAC are registered

trademarks of Hypercom Corp. epic, epicDirect, epicServices and ICE are
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UPS is a registered trademark of United Parcel Service of America Inc.

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marks of their respective owners.

Certain matters discussed within this press release are
forward-looking statements within the meaning of the Private Securities
Litigation Reform Act of 1995. Although Hypercom management believes the
expectations reflected in such forward-looking statements are based on
reasonable assumptions, it can give no assurance that its expectations will
be attained.

Factors that could cause actual results to differ materially from
expectations include industry, competitive and technological changes; risks
associated with international operations and foreign currency fluctuations;
the composition, timing and size of orders from and shipments to major
customers; inventory obsolescence; market acceptance of new products and
other risks detailed from time to time in Hypercom's SEC reports, including
the company's most recent 10K and subsequent 10Qs.

Hypercom Introduces Payment Industry's First Suite of Internet Hosted
  POS Terminal Applications.
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...depending on the mix of services selected.

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merchant accounts, enable epicServices(TM) and bill directly from this
Web-based application ...you get it all at once, ready to sell and
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 11/7,K/2   (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
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00743531 20020711192B9178 (THIS IS THE FULLTEXT)
Hypercom Introduces Payment Industry's First Suite of Internet Hosted
POS Terminal Applications-epicDirect Lowers Implementation Costs, Speeds
Time to Market for Independent Sales Organizations, Processors and VARs
Business Wire
Thursday, July 11, 2002 08:01 EDT
WORD COUNT: 1,112

TEXT:
PHOENIX, Jul 11, 2002 (BUSINESS WIRE) - Hypercom Corp. (NYSE:HYC) today
introduced epicDirect, the payment industry's first comprehensive suite of
Internet hosted applications for point-of-sale terminals.

Accessed from a PC and a standard browser, epicDirect(TM) gives processors,
Independent Sales Organizations (ISOs) and Value-Added Resellers (VARs)
everything needed to manage a base of card payment terminals and merchants,

including the most complete and up-to-date set of applications in the
industry. epicDirect is available immediately.

Fortifying its pioneering use of the Application Service Provider (ASP)
model
popularized by IBM, Sun, Oracle and other computer industry leaders,
Hypercom's new epicDirect solution provides hosting services for all
back-office systems.

The ASP business model gets customers to market immediately and replaces
upfront development costs and ongoing support expenses with a low monthly
service fee. Typically, fees range from $4 to $30 a month per terminal
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"epicDirect is the capstone of our epic(TM) Internet strategy. Now
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Rawls IV, president of Hypercom North America.

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    financial reporting, check e-mail, and track packages; since
    studies show 70% of small merchants do not have a PC in their
    store, merchants can access myICE features directly from the
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-- E-mail -- provides e-mail services at the point-of-sale
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              Pete Schuddekopf, 602/504-5383
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              Montner & Associates
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              dmontner@montner.com

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Hypercom Introduces Payment Industry's First Suite of Internet Hosted
POS Terminal Applications-epicDirect Lowers Implementation Costs, Speeds Time to Market for Independent Sales...
20020711

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...INDUSTRY NAMES: ELECTRONIC COMMERCE; ...

...INTERNET;